

SECRET

OXC-1788

14 June 1961

25X1A

25X1A

Attention:

Gentlemen:

25X1A

Amendment No. 5 to your Subcontract No. 005 with

25X1A

is approved for issuance under Task Order

25X1A

No. 5 to Contract No.

Very truly yours,

25X1A

Contracting Officer

25X1A

CS/DPD-DD/P

Distribution:

Orig -

25X1A

2 - CS/DPD

25X1A

3 - FIN/DPD

4 - RI/DPD

T.O. 5 A & I w/OXC-1796

SECRET

0xc-1796
COPY 1 OF 1

STATINTL



S-20,166

Copy 1 of 3

June 6, 1961

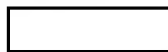
STATINTL



Contracting Officer
Washington, D. C.

STATINTL

Dear



STATINTL

STATINTL

Under Subcontract 005, is currently working on microwave switches for use in discharging a travelling wave resonator. This Subcontract was initially let under Contract Task Order No. 1 and subsequently transferred to Task Order No. 5. has now substantially completed its initial undertakings. However, their investigations have disclosed certain modifications and techniques applicable to such switches which may greatly improve their power handling capacity and recovery time. These techniques involve filling the switches with gas under pressure and the use of light as a trigger mechanism in lieu of an arc.

STATINTL

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STATINTL

The estimated additional cost will be including fixed fee. The estimated time of performance will extend from 1 June until 31 October. The present Contract provides a cost ceiling of and a fixed fee of

A copy of the proposed Subcontract is enclosed. The extension and increase in funds has been approved by your technical representative. May I have your approval of the Subcontract Amendment as submitted.

Best regards,

STATINTL

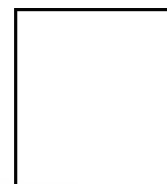


STATINTL

STATINTL



Enclosure



Doc #1
OXC-1796
COPY OF

PRIME CONTRACT: [REDACTED]

SUBCONTRACT: 005 Amendment No. 5

This agreement entered into as of the first day of June
1961 by and between [REDACTED] herein

after called [REDACTED] and [REDACTED]

[REDACTED] hereinafter called [REDACTED]

WITNESSETH THAT

WHEREAS, [REDACTED] desires [REDACTED] to continue and extend
its work on microwave switches under Subcontract 005, and

WHEREAS, [REDACTED] is willing so to do,

NOW, THEREFORE, in consideration of the premises and other
valuable consideration, the parties hereto agree further to
amend said Subcontract as follows:(1.) Article 1 A. of said Subcontract 005 as amended is
further amended by adding thereto the following subparagraphs:10. Investigate the properties of gases, mixtures thereof
and suitable pressure levels to improve the recovery and de-
ionization time in certain microwave switches.11. Fabricate sealed switches containing the optimum fill
mixture and optimum fill pressure determined as a result of
work under Subparagraph 10 above.12. Perform limited life studies within available power
levels to determine fill gas stability, corrosive effects and
electrode wear.

Emul #1
OXC-1796
COPY OF
trigger

13. Investigate the feasibility of simultaneously ing two switches by means of a light pulse including, without limitation, development of shielded, minimum R.F. loss light sources which can be inserted into a double switch assembly.

(2.) Article 2 is hereby amended to read as follows:
"The period of performance of work hereunder shall commence 1 February 1960 and shall end 31 October 1961."

STATINTL (3.) Article 3 is hereby amended to read as follows:
"The total estimated cost of work and services hereunder is
STATINTL [] which together with a fixed fee in the amount of
[] makes a total of [] This amount may be changed
by mutual agreement expressed in writing or as provided in
Article 5 hereof.

STATINTL (4.) Article 4 A.2 is hereby amended by deleting the
figure [] and inserting in lieu thereof [] STATINTL

(5.) Except as amended by this Amendment No. 5 all other terms and conditions of Subcontract 005 as amended shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF the parties hereto have hereunto set their hands and seals as of the date first above written. STATINTL

DATE: _____

DATE: _____

[]

BY _____